

What is claimed is:

1. An optical element comprising:
a first layer having a first size;
a second, functional layer having a second size;
said second, functional layer disposed adjacent said first layer; and,
wherein said second size is smaller than said first size.
2. An optical element according to claim 1, wherein said second size has a diameter that is smaller than a diameter of said first size.
3. An optical element according to claim 2, wherein said second size diameter is less than said first size diameter within a range of approximately 0.5mm to 5mm.
4. An optical element according to claim 1, wherein said second, functional layer is selected from a group comprising: a polarizing layer, a photochromic layer, a melanin layer, a mirror layer, a color management layer, an infrared filter and a reflector layer and any combinations thereof.
5. An optical element according to claim 1, wherein said first layer is a functional layer.
6. An optical element according to claim 5, wherein said first layer is selected from a group comprising: a polarizing layer, a photochromic layer, a melanin layer, a mirror layer, a color management layer, an infrared filter and a reflector layer and any combinations thereof.
7. An optical element according to claim 5, wherein said first layer is selected from a group comprising: a hard-coat layer, an anti-reflection layer, an anti-fog layer, a mirror layer, and a coloring layer.
8. An optical element according to claim 1, wherein said first layer is a resinous layer.
9. An optical element according to claim 1, further comprising a third layer disposed adjacent said second, functional layer, said third layer having a third size.
10. An optical element according to claim 9, wherein said third size has a diameter that is substantially equal to a diameter of said first size.
11. An optical element according to claim 9, wherein said third size has a diameter that is substantially equal to a diameter of said second size.

12. An optical element according to claim 9, wherein said second, functional layer is selected from a group comprising: a polarizing layer, a photochromic layer, a melanin layer, a mirror layer, a color management layer, an infrared filter and a reflector layer and any combinations thereof.
13. An optical element according to claim 9, wherein said first layer is a functional layer.
14. An optical element according to claim 13, wherein said first layer is selected from a group comprising: a polarizing layer, a photochromic layer, a melanin layer, a mirror layer, a color management layer, an infrared filter and a reflector layer and any combinations thereof.
15. An optical element according to claim 9, wherein said first and third layers are resinous layers.
16. An optical element according to claim 2, further comprising an injection molded substance disposed adjacent said second layer.
17. An optical element according to claim 9, further comprising an injection molded substance disposed adjacent said third layer.
18. An optical element according to claim 16, wherein said injection molded substance contacts said first layer.
19. An optical element according to claim 17, wherein said injection molded substance contacts said first layer.
20. An optical element according to claim 16, wherein said injection molded substance is selected from the group comprising: polycarbonate, polysulfone, cellulose ester resin, homopolymer or copolymer of (meth)acrylates, polyamide, copolymer of olefin, or copolymer of cycloolefin
21. An optical element according to claim 17, wherein said injection molded substance is selected from the group comprising: polycarbonate, polysulfone, cellulose ester resin, homopolymer or copolymer of (meth)acrylates, polyamide, copolymer of olefin, or copolymer of cycloolefin.
22. A method of making an optical element comprising:
 - providing a first layer;
 - providing a second layer substance, said second layer substance being functional;
 - and,

configuring said second layer functional substance against said first layer such that a size of said second layer functional substance is less than a size of said first layer.

23. A method of making an optical element according to claim 22, further comprising applying an injection molded substance against said second layer functional substance and thereby increasing said size of said second layer functional substance

24. A method of making an optical element according to claim 22, further comprising applying a third layer against said second layer substance.

25. A method of making an optical element according to claim 24, further comprising apply an injection molded substance against said third layer and thereby increasing said size of said second layer functional substance.

26. A method of making an optical element according to claim 22, wherein the providing of said second layer functional substance includes providing a layer from the group comprising: a polarizing layer, a photochromic layer, a melanin layer, a mirror layer, a color management layer, an infrared filter and a reflector layer and any combinations thereof.

27. A method of making an optical element according to claim 22, wherein the providing of said first layer includes providing a first layer functional substance.

28. A method of making an optical element according to claim 24, wherein the providing of a first layer functional substance includes providing a layer from the group comprising: a hard-coat layer, an anti-reflection layer, an anti-fog layer, a mirror layer, and a coloring layer.

29. A method of making an optical element according to claim 22, wherein the configuring of said second layer functional substance includes sizing a diameter of said second layer functional substance to be less than a diameter of said first layer.

30. A method of making an optical element according to claim 29, wherein the configuring of said second layer functional substance includes sizing said second layer functional substance diameter to be approximately .5mm to 5mm less than said first layer diameter.

31. A method of making an optical element according to claim 22, further comprising applying an injection molded substance against said first and second layers, said injection molded substance being selected from the group comprising: polycarbonate, polysulfone,

cellulose ester resin, homopolymer or copolymer of (meth)acrylates, polyamide, copolymer of olefin, or copolymer of cycloolefin.

32. An optical element comprising:

a first layer having a first size;

a second layer having a second size;

said second layer disposed adjacent said first layer; and,
wherein said second size is smaller than said first size.

33. An optical element according to claim 32, wherein said first layer is a functional layer.

34. An optical element according to claim 33, wherein said second layer is a functional layer.

35. An optical element according to claim 32, further comprising an injection molded material disposed adjacent said second layer.

36. An optical element according to claim 35, wherein said first layer, said second layer and said injection molded material are comprised of the same material.